

BEST AVAILABLE COPY

PTO/SB/08A (10-01)

Approved for use through 10/31/2002. OMB 0651-0031 U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Degwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Cubatituta	for form 1449A/PTO			С	Complete if Known		
Substitute	TOT TOTAL T449AVE TO			Application Number	10/700,470		
	INFORMATION DISC	LOSI	JRE	Filing Date	November 5, 2003		
	STATEMENT BY API			First Named Inventor	A, KAZAMA, et al.		
	STATEMENT BY 70			Art Unit	2818		
	(use as many sheets as no	cessar	v)	Examiner Name	L. K. Tran		
Sheet	1	of	2	Attorney Docket Number	500.40858CX1		

			U.S. PATENT	OCUMENTS	
Examiner Initials'	Cite No.1	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
Ult		6,465,881	10-15-2002	Tokunoh	
Uct		6.130.484	10-10-2000	Kameda et al	
Ikt		6,425,516	07-30-2002	Iwatsu et al	
Uhr		6.323.439	11-27-2001	Kambe et al	
The		6,037.662	03-13-2000	Yoon et al	
The		4,983,023	01-08-1991	Nakagawa et al	
The		6,313,532	11-06-2001	Shimoishizaka et al	

		FORE	GN PATENT D	OCUMENTS		
Examiner Initials'	Cite No.1	Foreign Patent Document Country Code *-Number *-Kind Code *(# known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	. 1⁴
41	_	JP 11-145345	05-28-1999	Hitachi Ltd		Abst
19/2	-	JP 11-008345 -	01-12-1999	Casio Comput Co Ltd	•	Abst
188		Korea 2001-51328 -	06-25-2001 -			
THE		JP 11-274155	10-08-1999	Matsushita Electron Corp		Abst
W		JP 2001-118956	04-27-2001	Matsushila Electronics Ind		Abst
Net.		JP 11-54649	02-26-1999	Matsushita Electronics Corp		Abst
112		JP 11-354560	12-24-1999	Matsushita Electron Corp		Abst
The	i -	JP 11-191571	07-13-1999	Matsushita Electron Corp		Abst
(L)	i –	WO99/23696	05-14-1999	Hitachi Ltd		Abst
THE .		WO98/25298	11-06-1998	Seiko Epson Corporation		Abst_
UH	1	JP 10-92865	04-10-1998	Matsushita Electron Corp		Abst
WEST	·	JP 9-321084	12-12-1997	Hitachi Ltd		Abst
TIPE	1	JP 9-219421	08-19-1997	Hitachi Ltd		Abst
ist		WO96/09645	03-28-1996	Hitachl Ltd		Abst
W		WO00/52755	08-09-2000	Hitachi Ltd		Abst
11/1	1	JP 11-204678	07-30-1999	Matsushita Electron Corp		Abst

OTHER PRIOR ART—NON PATENT LITERATURE DOCUMENTS						
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²			
· · ·		Korean Office Action issued on March 31, 2004				
WF		Partial English Translation of Official Action (mailed October 29, 2002) for Patent Appln. No. 2000-333526, Date of Preparation of this Office Action – October 21, 2002				

Examiner	Date
Signature	Considered

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard St.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

BEST AVAILABLE COPY

PTO/SB/08A (10-01)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

C. showsite sta	e for form 1449A/PTO				Complete if Known			
Substitute	810110/111 1443A/F10				Application Number	10/700,470		
	INFORMATION DISCI	LOS	JRE		Filing Date	November 5, 2003		
	STATEMENT BY APP	PLIC	ANT		First Named Inventor	A. KAZAMA, et al.		
	017.2				Art Unit	2818		
	(use as many sheets as ne	cessa	~ }		Examiner Name	L. K. Tran		
Sheet	2	of	2	2	Attorney Docket Number	500.40858CX1		

			U.S. PATENT	DOCUMENTS	
Examiner Initials'	Cite No.1	Document Number Number-Kind Code ² (if known)	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
				-	
			<u> </u>		

	FOREIGN PATENT DOCUMENTS								
Examiner Initials'	Cite No.1	Foreign Patent Document Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Т ⁶			
ULT		. JP 9 199635	07-31-1997	Shinko Electric Ind Co Ltd		Abst			
iler		JP 8-274243	10-18-1996	Hitachi Ltd		Abst			
(14)		JP 10-242333	09-11-1998	Nitto Denko Corp		Abst			
W		JP 11-147950	06-02-1999	Hitachi Chem Co Ltd		Abst			
ike		JP 11-191572	07-13-1999	Matsushita Electron Corp		Abst			
<u> </u>		JP 11-274363	10-08-1999	NGK Spark Plug Co Ltd		Abst			
		JP 11-202302	08-04-1995	Toshiba Corp		Abst			
UL		JP 2000-164761	06-16-2000	NEC Corp		Abst			
Vel		JP 11-191571	07-13-1999	Matsushita Electron Corp		Abst			
141		JP 63-200415	08-18-1988	Sumitomo Electric Ind Ltd		Abst			
114	 	JP 63-200415	08-18-1988	Sumitomo Electric Ind Ltd		Abst			
11/1	i -	JP 11-111768	04-23-1999	NEC Corp		Abst			

OTHER PRIOR ART—NON PATENT LITERATURE DOCUMENTS							
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²				
ur		Partial English Translation of Official Action (mailed October 29, 2002) for Patent Appln. No. 2000-333528, Date of Preparation of this Office Action – October 24, 2002					
		Dictionary of Mounting Technology in Electronics, January 20, 1992, p. 103					
in		U. S. Patent Application 09/698,168 - corresponds to Korea 2001-51328 above					

Examiner LONG TRAM	Date Considered	8/30/04

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.usplo.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (VIPO Standard St.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁴Applicant is to place a check mark here if English language Translation is attached.